ELSEVIER

Signal Processing 36 (1994) 399–400

SIGNAL PROCESSING

Cumulative contents of Volume 36

Volume 36, No. 1, March 1994

Papers

S. Qian and D. Chen
Signal representation using adaptive normalized Gaussian functions 1

F. A. Marvasti, C. Liu and G. Adams
Analysis and recovery of multidimensional signals from irregular samples using nonlinear and iterative techniques 13

M. Lang and J. Bamberger
Nonlinear phase FIR filter design according to the L_2 norm with constraints for the complex error 31

R.P. Ramachandran and S. Sunder
A unified and efficient least-squares design of linear-phase nonrecursive filters 41

X.-G. Xia, Z. Zhang and C. Lo
Error analysis of the MMSE estimator for multidimensional band-limited extrapolations from finite samples 55

S.-C. Peng and B.-S. Chen
A deconvolution filter for multichannel nonminimum phase systems via the minimax approach 71

V.Ch. Venkaiah and A. Paulraj
Subspace rotation using modified Householder transforms and projection matrices – Robustness of DOA algorithms 91

Z. Wang, G.A. Jullien and W.C. Miller
The generalized discrete W transform and its application to interpolation 99

H.M. Abbas and M.M. Fahmy
Neural networks for maximum likelihood clustering 111

Short communications

B. Bajić
Signal decorrelation induced by transit-time and frequency fluctuations 127

M.G. Beaty
Multichannel sampling for multiband signals 133

Volume 36, No. 2, March 1994

Papers

S. Jacobsen
Introduction of the bivariate squared coherence spectrum and its application to radar 139

E. D'Addio, M. Di Bisceglie and S. Bottalico
Detection of moving objects with airborne SAR 149

M. Unser and M. Eden
FIR approximations of inverse filters and perfect reconstruction filter banks 163

Elsevier Science B.V.

S. Chen, S. McLaughlin and B. Mulgrew
Complex-valued radial basis function network, Part II: Application to digital communications channel equalisation 175

B.-E. Jun and D.-J. Park
Novel steepest descent adaptive filter derived from new performance function with additional exponential term 189

A. Schlereth
Compensation of co- and adjacent-channel interference in FM receivers 201

L. Sukissian, S. Kollias and Y. Boutalis
Adaptive classification of textured images using linear prediction and neural networks 209

Short communications

B. Lacaze
Statistical remarks about multipath-fading in microwave links 233

Volume 36, No. 3, April 1994

Papers

D.R. Brillinger
Some basic aspects and uses of higher-order spectra 239

B. Jelonnek and K.D. Kammeyer
A closed-form solution to blind equalization 251

D. Hatzinakos
Blind equalization using decision feedback prediction and tricepstrum principles 261

P.-O. Amblard and J.-L. Lacoume
A deductive construction of third-order time–frequency distributions 277

P. Comon
Independent component analysis, A new concept? 287

J.R. Fonollosa and C.L. Nikias
Analysis of finite-energy signals using higher-order moments- and spectrabased time–frequency distributions 315

J. Vidal and J.A.R. Fonollosa
Causal AR modeling using a linear combination of cumulant slices 329

H.M. Stellakis and E.S. Manolakos
An array of processors for the real-time estimation of fourth- and lower-order moments 341

A. Swami
Multiplicative noise models: Parameter estimation using cumulants 355

J. Le Roux, C. Coroyer and D. Rossille
Illustration of the effects of sampling on higher-order spectra 375

Thesis alerts 391

Announcement and call for papers 393

Author index 397

Cumulative contents 399